INDEX.

NAMES OF CONTRIBUTORS ARE PRINTED IN SMALL CAPITALS.

Age of College Graduation, Changes in, W. SCOTT THOMAS, 159.
Agricultural Education, American, An Untilled Field in, KENYON L. BUTTERFIELD, 257.
Agriculture, Modern, Bacteria in, ALBERT SCHNEIDER, 333.
Animal Life, Highways and Byways of, HERBERT OSBORN, 499.
Antarctic Expedition, British, 92, 379.
American, Society of Naturalists, 87; Museum of Natural History, 283; Philosophical Society, 287.
Art, Decorative, of the North American Indians, FRANZ BOAS, 481.
Aurora Borealis, An Unusual, A. F. A. KING, 563.

Bacteria in Modern Agriculture, ALBERT SCHNEIDER, 333.
BIRD, ROBERT MONTGOMERY, Why a Flame emits Light, 209.
Bird Rookeries on the Island of Laysan, C. C. NUTTING, 321.
Birth Rate, The Declining, and its Cause, FREDERICK A. BUSHEE, 355; in Fiction, C, 373.
BOAS, FRANZ, The Decorative Art of the North American Indians, 481.
BOLTON, HENRY CARRINGTON, Radium, 61.
British, Antarctic Expedition, 92, 378; Association for the Advancement of Science, 566.
BUTTERFIELD, KENYON, L., An Untilled Field in American Agricultural Education, 257.

C., The Birth Rate in Fiction, 373.
Ceylon, Pearl Fisheries of, W. A. HERDMAN, 229.
Chemistry, Physiological, 85.
Classification of Fishes, DAVID STARR JORDAN, 5.
College, Entrance Examinations, ABRAHAM FLEXNER, 53; Graduation, Changes in the Age of, W. SCOTT THOMAS, 159; Problem of, 377.
Columbia University School of Journalism, 569.
Congresses of Physicians. 191.
COOK, O. F., Stages of Vital Motion, 14; Evolution, Cytology and Mendel's Laws, 219.
Cooperation, Coercion, Competition, LINDLEY M. KEASBEY, 526.
Creative Purpose, Lord Kelvin on, 279.
Cytology, Evolution and Mendel's Laws, O. F. COOK, 219.

Dalton and Liebig, Celebrations in Honor of, 280.
DANA, JOHN COTTON, Some of the Extra-artistic Elements of Esthetic Emotion, 411.
DEAN, BASHFORD, Obituary Notice of a Lung Fish, 33.
Declining Birth Rate and its Cause, FREDERICK A. BUSHBEE, 355.
Decorative Art of the North American Indians, FRANZ BOAS, 481.
Decrease in Size of American Families, EDWARD L. THORNDIKE, 64.
Discussion and Correspondence, 84, 185, 275, 373, 563.
Distinctions and Titles, American, W. LE CONTE STEPHENS, 312.
DODD, WM. E., Karl Lamprecht and Kulturgeschichte, 418.

Economy in Nutrition, R. H. CHITTENDEN, 123.
Education, not the Cause of Race Decline, GEO. J. ENGLEMANN, 172; American Agricultural, An Untilled Field in, KENYON L. BUTTERFIELD, 257; The Story of English, J. E. G. DE MONTMORENCY, 262, 344; of Engineers, 383; and Research, Sir Norman Lockyer on, 507.
Educational, Association, National, The Boston Meeting of, 375; Endowments in the south, ELIZABETH M. HOWE, 543.
Emotion, Esthetic, Some of the Extra-artistic Elements of, JOHN COTTON DANA, 411.
Employment of Women, 571.
ENGELMANN, GEO. J., Education not the Cause of Race Decline, 172.
Engineers, Education of, 383.
English Education, the Story of, J. E. G. DE MONTMORENCY, 262, 344.
Entrance Examinations, College, ABRAHAM FLEXNER, 53.
Ericsson, John, 475.
Esthetic Emotion, Some of the Extra-artistic Elements of, JOHN COTTON DANA, 411.

Evolution, Cytology and Mendel's Laws, O. F. COOK, 219.
Examinations, College Entrance, ABRAHAM FLEXNER, 53.
Expedition, British Antarctic, 92, 378.
Exposition, Louisiana Purchase, Scientific Program of, 189.

Families, American, the Decrease in Size of, EDWARD L. THORNDIKE, 64.
Fertility, the Distribution of, Professor Pearson on, EDWARD L. THORNDIKE, 84.
Fiction, The Birth Rate in, 373.
Field Columbian Museum, 89.
Fisheries, Pearl, of Ceylon, W. A. HERDMAN, 229.
FISK, EUG. L., Professor Shaler on Animal Intelligence, 468.
Fitzgerald and Rowland, The Collected Papers of, 470.
Flame, Why it emits Light, ROBERT MONTGOMERY BIRD, 209.
FLEMING, J. A., Hertzian Wave Wireless Telegraphy, 97, 193, 364, 439, 551.
FLEXNER, ABRAHAM, College Entrance Examinations, 53.
Flowers, Wild, the Preservation of, FRANCES ZIRNGIEBEL, 246.
Forest and Game Commission of New York, 93.
Forestry, 374.
Franklin Papers in the Library of the American Philosophical Society, 382.

Game and Forest Commission of New York, 93.
Gibbs, Josiah Willard, 188.
Graduation, College, Changes in the Age of, W. SCOTT THOMAS, 159.

HALLOCK, MARY, Pulse and Rhythm, 425.
Harkness, William, 86.
Heat, a New Source of—Radium, HENRY CARRINGTON BOLTON, 61.
HEILPRIN, ANGELO, The Ascending Obelisk of the Montagne Pelee, 467.
Helmholtz, Hermann von, 186.
HERDMAN, W. A., The Pearl Fisheries of Ceylon, 229.
Hertzian Wave Wireless Telegraphy, J. A. FLEMING, 97, 193, 364, 439, —.
HOWE, ELIZABETH M., Educational Endowments in the South, 543.
Hygiene, Municipal, the Field of, EDWIN O. JORDAN, 132.

Identification, Personal, Palm and Sole Impressions and their Use for purposes of, HARRIS HAWTHORNE WILDER, 385.
Immigrant, The Slavic, ALLAN MCLAUGHLIN, 25.
Indians, North American, Decorative Art of, FRANZ BOAS, 481.
Intelligence, Animal, Professor Shaler on, EUG. L. FISK, 469.

JASTROW, JOSEPH, Helen Keller—a Psychological Autobiography, 71.
JORDAN, DAVID STARR, Classification of Fishes, 5; University Tendencies in America, 141; The Training of a Physician, 304.
JORDAN, EDWIN O., The Field of Municipal Hygiene, 132.
Journalism, the School of Columbia University, 569.

KEASBEY, LINDLEY M., Cooperation, Coercion, Competition, 526.
Keller, Helen, A Psychological Autobiography, JOSEPH JASTROW, 71.
Kelvin, Lord, on 'Creative Purpose,' 279.
KING, A. F. A., An Unusual Aurora Borealis, 563.
Kulturgeschichte and Karl Lamprecht, WM. E. DODD, 418.

Laboratories and Schools, Summer, 478.
Lamprecht, Karl, and Kulturgeschichte, WM. E. DODD, 418.
Land and Water Plants, A Comparison of, GEORGE JAMES PEIRCE, 239.
Laysan, The Island of, Bird Rookeries on, C. C. NUTTING, 321.
Liebig and Dalton, Celebrations in Honor of, 280.
Life, Animal, Highways and Byways of, HERBERT OSBORN, 499.
Light, Why a Flame emits, ROBERT MONTGOMERY BIRD, 209.
Lockyer, Sir Norman, on the Endowment of Education and Research, 567.
LODGE, OLIVER, Modern Views on Matter, 289.
Louisiana Purchase Exposition, Scientific Program of, 189.
Lung Fish, Obituary Notice of, BASHFORD DEAN, 33.

MCLAUGHLIN, ALLAN, The Slavic Immigrant, 25.
Magazine Science, B. F. L., 185.
Massachusetts Institute of Technology, 476.
Matter, Modern Views on, OLIVER LODGE, 289.
Mendel's Laws, Evolution and Cytology, O. F. COOK, 219.
Mental and Moral Qualities, Correlation between, FREDERICK ADAMS WOODS, 515.

Modern Views on Matter, OLIVER LODGE, 289.
MONTMORENCY, DE, J. E. G., The Story of English Education, 262, 344.
Moral and Mental Qualities, Correlation between, FREDERICK ADAMS WOODS, 515.
MORITZ ROBERT E., The Sherman Principle in Rhetoric and its Restrictions, 534.
Mosquito Destroyer, The So-called, 379.
Mosquitoes, and Suggestions for their Extermination, WILLIAM LYMAN UNDERWOOD, 454.
Municipal Hygiene, The Field of, EDWIN O. JORDAN, 132.
Museum, The Field Columbian, 89; of Natural History, the American, 283.
Museums of Natural History, the Opportunity of the Smaller, WILLIAM ORR, 40.

National Educational Association, The Boston Meeting of, 375.
Natural History, The Opportunity of the Smaller Museums of, WILLIAM ORR, 40; The American Museum of, 283.
Naturalists, The American Society of, 87.
New York Forest and Game Commission, 93.
Nutrition, Physiological Economy in, R. H. CHITTENDEN, 123.
NUTTING, C. C., Bird Rookeries on the Island of Laysan, 321.

Obelisk, The Ascending, of the Montagne Pelee, ANGELO HEILPRIN, 467.
Obituary Notice of a Lung Fish, BASHFORD DEAN, 33.
ORR, WILLIAM, The Opportunity of the Smaller Museums of Natural History, 40.
OSBORN, HERBERT, Highways and Byways of Animal Life, 499.

Palm and Sole Impressions and their Use for Purposes of Personal Identification, HARRIS HAWTHORNE WILDER, 385.
Pearl Fisheries of Ceylon, W. A. HERDMAN, 229.
Pearson, Professor, on the Distribution of Fertility, EDWARD L. THORNDIKE, 84.
PEIRCE, GEORGE JAMES, A Comparison of Land and Water Plants, 239.
Pelee, The Ascending Obelisk of, ANGELO HEILPRIN, 467.
Philosophical Society, The American, 287; Franklin Papers, 382.
Philosophy and Science, PHYSICIST, 564.
Physician, The Training of a, DAVID STARR JORDAN, 304.
Physicians, Congresses of, 191.
PHYSICIST, Science and Philosophy, 564.
Physiological Chemistry, 85; Economy in Nutrition, R. H. CHITTENDEN, 123.
Progress of Science, 86, 188, 279, 375, 475, 566.
Plants, Water and Land, A Comparison of, GEORGE JAMES PEIRCE, 239.
Psychology, 278.
Pulse and Rhythm, MARY HALLOCK, 425.

Race, Decline, Education not the Cause of, GEO. J. ENGELMANN, 172; Senescence, 88.
Racial Decline, C. E. SMITH, 275.
Radium, a New Source of Heat, HENRY CARRINGTON BOLTON, 61; in England, 381.
Research and Education, Sir Norman Lockyer on, 567.
Rhetoric, The Sherman Principle in, and its Restrictions, ROBERT E. MORITZ, 534.
Rhythm and Pulse, MARY HALLOCK, 425.
Rookeries, Bird, on the Island of Laysan, C. C. NUTTING, 321.
Rowland and FitzGerald, The Collected Papers of, 470.

SCHNEIDER, ALBERT, Bacteria in Modern Agriculture, 333.
Science, The Progress of, 86, 188, 279, 375, 475, 566; Magazine, B. F. L., 185; and Philosophy, PHYSICIST, 564.
Scientific, Literature, 85, 186, 278, 374, 470; Items, 95, 192, 288, 384, 479, 572; Program of the Louisiana Purchase Exposition, 189.
Senescence, Race, 88.
Shaler, Professor, on Animal Intelligence, EUG. L. FISK, 468.
Sherman Principle in Rhetoric and its Restrictions, ROBERT E. MORITZ, 534.
Slavic Immigrant, ALLAN MCLAUGHLIN, 25.
Sleep, Theories of, PERCY G. STILES, 432.
SMITH, C. E., Racial Decline, 275.
Sole and Palm Impressions and their Use for Purposes of Personal Identification, HARRIS HAWTHORNE WILDER, 385.
South, Educational Endowments in the ELIZABETH M. HOWE, 543.
STEVENS, W. LE CONTE, American Titles and Distinctions, 312.
STILES, PERCY G., Theories of Sleep, 432.

Summer Laboratories and Schools, 478.

Technology, Massachusetts Institute of, 476.
Telegraphy, Wireless, Hertzian Wave, J. A. Fleming, 97, 193, 364, 439, 551.
Thomas W. Scott, Changes in the Age of College Graduation, 159.
Thorndike, Edward L., The Decrease in Size of American Families, 64; Professor Pearson on the Distribution of Fertility, 84.
Titles and Distinctions, American, W. Le Conte Stevens, 312.
Typhoid Fever, The Treatment of, 91.

Underwood, William Lyman, Mosquitoes and Suggestions for their Extermination, 454.
University Tendencies in America, David Starr Jordan, 141.

Vital Motion, Stages of, O. F. Cook, 14.

Washington, The Improvement of the City of, 149.
Water and Land Plants, A Comparison of, George James Peirce, 239.
Wild Flowers, the Preservation of, Frances Zirngiebel, 246.
Wilder, Harris Hawthorne, Palm and Sole Impressions and their Use for Purposes of Personal Identification, 385.
Wireless Telegraphy, Hertzian Wave, J. A. Fleming, 97, 193, 364, 439, 551.
Women, the Employment of, 571.
Woods, Frederick Adams, Correlation between Mental and Moral Qualities, 515.

Zirngiebel, Frances, The Preservation of Wild Flowers, 246.